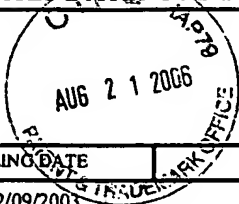


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| 10/731,899      | 12/09/2003  | Brian Jones          | 60001.0182US11/MS303914.1 ✓ | 4706             |

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| EXAMINER   |              |
| CHEN, QING |              |
| ART UNIT   | PAPER NUMBER |
| 2191       |              |

DATE MAILED: 08/02/2006

Resp OA 3/PTA: November 2, 2006

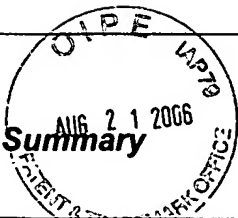
Response STAT: February 2, 2007

DV

Please find below and/or attached an Office communication concerning this application or proceeding.

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**Office Action Summary**



Application No.

10/731,899

Applicant(s)

JONES ET AL.

Examiner

Qing Chen

Art Unit

2191

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

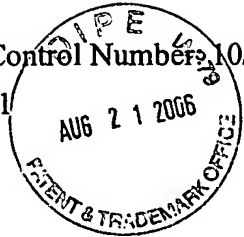
**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892).
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/23/04, 8/6/04, 5/26/05, 7/29/05, 11/2/05, 4/24/06, 5/22/06, 7/3/06
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_



### **DETAILED ACTION**

1. This is the initial Office action based on the application filed on December 9, 2003.

**Claims 1-18** are currently pending and have been considered below.

#### ***Information Disclosure Statement***

2. The information disclosure statements (IDS) filed on January 23, 2004, August 6, 2004, May 26, 2005, July 29, 2005, November 2, 2005, April 24, 2006, May 4, 2006, May 22, 2006, and July 3, 2006 have been received. The submissions on January 23, 2004, August 6, 2004, May 26, 2005, July 29, 2005, November 2, 2005, April 24, 2006, May 22, 2006, and July 3, 2006 are in compliance with the provisions of 37 CFR 1.97, and accordingly, these information disclosure statements have been considered by the Examiner.

The information disclosure statement filed on May 4, 2006 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because it lacks the form PTO-1449 or PTO/SB/08A and 08B, "Information Disclosure Statement," as set forth in 37 CFR 1.98(a)(1). It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

The information disclosure statements filed on January 23, 2004, November 2, 2005, and April 24, 2006 fail to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; each non-patent literature publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered.

#### ***Oath/Declaration***

3. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

- The clause regarding "willful false statements ..." required by 37 CFR 1.68 has been omitted.
- It does not identify the citizenship of one of the inventors.
- The full name of one of the inventors (family name and at least one given name together with any initial) has not been set forth.
- It does not identify the mailing address of one of the inventors. A mailing address is an address at which an inventor customarily receives his or her mail and may be either a home or business address. The mailing address should include the ZIP Code designation. The mailing address may be provided in an application data sheet or a supplemental oath or declaration. See 37 CFR 1.63(c) and 37 CFR 1.76.
- It does not specify the domestic priority information that of the application on which priority is claimed, by specifying the application number, filing date, and status.

#### ***Drawings***

4. The drawings are objected to under 37 CFR 1.83(a) because they fail to show the manifest in the RAM (Figure 2, Element 25), the hard disk drive (Figure 2, Element 27), the magnetic disk drive (Figure 2, Element 28), and the optical disk drive (Figure 2, Element 30) as

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described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character “110” has been used to designate both “the document” and “the performance review.” Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference characters not mentioned in the description:

- Element 105 in Figure 2;
- Elements 140 and 150 in Figure 3;
- Elements 500, 510, and 520 in Figure 5;
- Elements 610, 620, 630, and 640 in Figure 6;
- Element 710 in Figure 7;
- Element 810 in Figure 8;
- Element 910 in Figure 9; and
- Element 1120 in Figure 11.

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Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application.

Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the Examiner, the Applicant will be notified and informed of any required corrective action in the next Office action. The objections to the drawings will not be held in abeyance.

### *Specification*

5. The disclosure is objected to because of the following informalities:
  - The specification contains the following typographical errors:
    - The letter “e” in “resume” should be replaced by the letter “e” with the acute accent (é) in page 1, lines 26 and 30. Although the word “résumé” is also acceptable with the letter “e” instead of the letter “e” with the acute accent (é), applicant is

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advised to choose either convention and make the correction in order to keep the terminology consistent throughout the specification.

- The reference number “110” should be changed to “100” in page 5, line 7, since “110” is used to designate the document, whereas “100” is used to designate the application.
- The device “an optical drive interface” should be changed to “an optical disk drive interface” in page 12, line 22-23. Applicant is advised to make the correction in order to keep the terminology consistent between the drawing and the specification.
- The phrase ‘complete the “objective” section the performance review document ...’ should presumably be read ‘complete the “objective” section in the performance review document ...’ in page 14, line 22.
- The letter “a” in “active,” the letter “s” in “server,” and the letter “p” in “page” should be capitalized in page 22, line 27.
- The word “an” should be changed to “and” in page 25, line 21.
- The explanation of what the acronym “dll” stands for should be stated after the first occurrence of the acronym “dll,” which is in page 5, lines 29.
- The specification contains missing application number and filing date for the patent application incorporated by reference in page 10, line 30.
- The specification contains a program listing with more than 60 lines of code, which is submitted as part of the specification, must be positioned at the end of the description, but before the claims. See 37 CFR 1.96(b)(2)(ii).

Appropriate correction is required.

***Claim Objections***

6. **Claims 5, 6, 8, 9, and 12-18** are objected to because of the following informalities:

- **Claims 5 and 16** contain a typographical error: the letter “a” in “active,” the letter “s” in “server,” and the letter “p” in “page” should be capitalized.
- **Claim 6** contains a typographical error: the phrase “profile information associated for the user of the document” should presumably be read “profile information associated with the user of the document” in the sixth limitation.
- **Claim 8** contains a typographical error: the phrase “each namespace/solution matches ...” should presumably be read “each namespace/solution pair matches ...”
- **Claim 9** contains the following typographical errors:
  - There should be a semicolon (;) instead of a comma (,) at the end of second limitation.
  - There should be a comma (,) instead of a semicolon (;) to separate the “if” clause and the “replacing” clause.
- **Claims 12-18** contain a typographical error: there should be a hyphen (-) between the words “computer” and “readable” in the preamble.
- **Claim 18** contains a typographical error: the word “method” should be deleted in the preamble.

Appropriate correction is required.



***Claim Rejections - 35 USC § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. **Claims 1-4, 6, 9, and 12-15** are rejected under 35 U.S.C. 102(b) as being anticipated by **Donohue et al.** (US 5,987,480).

As per **Claim 1**, **Donohue et al.** disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality, comprising the steps of:

- A. Attaching a schema to a document defining permissible data content, data type and data structure for the document (*see Column 8, Lines 25-54*);
- B. Structuring the document to associate the document with the schema (*see Column 10, Lines 10-17*);
- C. Associating a document solution with the document structure (*see Column 10, Lines 34-42*);
- D. Assembling a plurality of software components comprising one or more document solutions at a location remote from the document (*see Column 10, Lines 49-51*);
- E. Obtaining profile information associated with a user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);

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F. Generating a document solution tailored to the profile information associated with the user of the document (*see Column 11, Lines 21-25*); and

G. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

As per **Claim 2**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 1 above**, and further disclose that assembling the plurality of software components includes assembling the plurality of software components comprising one or more document solutions in a manifest of document solutions (*see Column 7, Lines 37-41*); and

Prior to obtaining profile information associated with a user of the document, calling the manifest to request the tailored document solution, and passing an identification of the user of the document to the manifest with the request for the tailored document (*see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2*).

As per **Claim 3**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 2 above**, and further disclose that in response to the identification of the user of the document, calling a user information database from the manifest

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to obtain profile information associated with the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*); and

Generating a document solution tailored to the profile information associated with the user of the document includes selecting one or more document solution components from a plurality of document solution components based on the profile information (*see Column 10, Lines 60-65*).

As per **Claim 4**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 3 above**, and further disclose that the method, prior to the step of downloading the software components to the application, comprising the steps of:

A. Determining whether the document solution associated with the document structure is present in a local library of software components (*see Figure 5, Element 110; and Column 12, Lines 58-60*); and

B. If the plurality of software components is not present in the local library of software components, calling the manifest for obtaining the document solution (*see Column 7, Lines 49-53*).

As per **Claim 6**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

A. Obtaining the document (*see Figure 3A, Element 48*);

- B. Determining whether the document references a document solution (*see Figure 3A, Element 54; and Column 10, Lines 37-42*);
- C. If the document references a document solution, calling a manifest of document solutions for the document solution (*see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2*);
- D. Passing an identification of a user of the document to the manifest of document solutions (*see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2*);
- E. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);
- F. Obtaining profile information associated with the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);
- G. At the manifest, generating a document solution tailored to the profile information associated with the user of the document (*see Column 11, Lines 21-25*); and
- H. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

As per **Claim 9**, Donohue et al. disclose a method of managing a document solution downloaded by a software application for use with one or more documents, comprising:

- A. Obtaining a document at the software application (*see Figure 3A, Element 48*);

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B. Determining whether the document contains a property identifying the document as being part of a document solution (*see Figure 3B, Elements 58 and 60; and Column 10, Lines 51-55*);

C. If the document contains a property identifying the document as being part of a document solution, passing a solution directory for a document solution matching the property identifying the document as being part of a document solution (*see Figure 3B, Element 62; and Column 10, Lines 60-65*); and

D. If the solution directory contains a document solution matching the property identifying the document as being part of a document solution, replacing the document solution contained in the solution directory with the document obtained at the software application (*see Figure 3B, Element 64; and Column 10, Lines 60-65*).

As per Claim 12, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality, comprising the steps of:

A. Attaching a schema to a document defining permissible data content, data type and data structure for the document (*see Column 8, Lines 25-54*);

B. Structuring the document to associate the document with the schema (*see Column 10, Lines 10-17*);

C. Associating a document solution with the document structure (*see Column 10, Lines 34-42*);

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D. Assembling a plurality of software components comprising one or more document solutions at a location remote from the document (*see Column 10, Lines 49-51*);

E. Obtaining profile information associated with a user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);

F. Generating a document solution tailored to the profile information associated with the user of the document (*see Column 11, Lines 21-25*); and

G. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

As per **Claim 13**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 12 above**, and further disclose that assembling the plurality of software components includes assembling the plurality of software components comprising one or more document solutions in a manifest of document solutions (*see Column 7, Lines 37-41*); and

Prior to obtaining profile information associated with a user of the document, calling the manifest to request the tailored document solution, and passing an identification of the user of the document to the manifest with the request for the tailored document (*see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2*).

As per **Claim 14**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 13 above**, and further disclose that in response to the identification of the user of the document, calling a user information database from the manifest to obtain profile information associated with the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*); and

Generating a document solution tailored to the profile information associated with the user of the document includes selecting one or more document solution components from a plurality of document solution components based on the profile information (*see Column 10, Lines 60-65*).

As per **Claim 15**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 14 above**, and further disclose that the method, prior to the step of downloading the software components to the application, comprising the steps of:

A. Determining whether the document solution associated with the document structure is present in a local library of software components (*see Figure 5, Element 110; and Column 12, Lines 58-60*); and

B. If the plurality of software components is not present in the local library of software components, calling the manifest for obtaining the document solution (*see Column 7, Lines 49-53*).

***Claim Rejections - 35 USC § 103***

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. **Claims 5 and 16** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Donohue et al.** (US 5,987,480).

As per **Claim 5**, **Donohue et al.** disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 4 above**. However, **Donohue et al.** does not explicitly disclose that the manifest is an Active Server Page operative to call the user information database to obtain the profile information for the user of the document and to generate the tailored document solution by selecting one or more document solution components from a plurality of document solution components based on the profile information.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the manifest as an Active Server Page operative in the system



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of Donohue et al., since Donohue et al. already stores the manifest on a Web server containing script files (*see Column 6, Line 67; and Column 7, Lines 1-14 and 34-35*). One would have been motivated to implement the manifest as an Active Server Page operative since ASP is a very well known Web programming scripting language that provides simplicity, speed, and security.

As per **Claim 16**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 15 above**. However, Donohue et al. does not explicitly disclose that the manifest is an Active Server Page operative to call the user information database to obtain the profile information for the user of the document and to generate the tailored document solution by selecting one or more document solution components from a plurality of document solution components based on the profile information.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the manifest as an Active Server Page operative in the system of Donohue et al., since Donohue et al. already stores the manifest on a Web server containing script files (*see Column 6, Line 67; and Column 7, Lines 1-14 and 34-35*). One would have been motivated to implement the manifest as an Active Server Page operative since ASP is a very well known Web programming scripting language that provides simplicity, speed, and security.

11. **Claims 7, 8, 10, 11, 17, and 18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Donohue et al. (US 5,987,480) in view of Forbes et al. (US 6,381,742).

As per **Claim 7**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document as in **Claim 6** above, and further disclose calling the location of the document solution identified by the document solution identification (*see Column 7, Lines 49-53*) and downloading the document solution identified by the document solution identification to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

However, Donohue et al. does not explicitly disclose that if the document does not reference a document solution, determining whether the document references a namespace associated with structure applied to the document; if the document references a namespace, calling a manifest collection, and determining whether the manifest collection contains a document solution identification associated with the document namespace; and if the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag (*see Column 14, Lines 20-24*). When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that

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any files and components installed in that namespace are visible to the application (*see Column 14, Lines 24-29*). The manifest file is stored separately from the distribution unit (*see Column 14, Lines 49-52*). The manifest file directs the package manager to the location of the distribution unit for the software application (*see Column 14, Lines 58-60*).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags (*see Figure 2; and Column 8, Lines 25-30*) for declaring namespaces and a data source storing content to be inserted in the templates (*see Figure 1, Element 12; and Column 7, Lines 37-39*). One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer (*see Column 14, Lines 42-48*).

As per **Claim 8**, Donohue et al., as modified by Forbes et al., disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document as in **Claim 7 above**. However, Donohue et al., and Forbes et al., do not explicitly disclose that the method further comprising populating the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to populate the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace in the system of Donohue et al., since Donohue et al. is already populating other related data in the same manner where content from the data source are store in a container class as a pool of name/value pairs (*see Column 7, Lines 59-61*). One would have been motivated to populate the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace in order to provide a quick and efficient lookup of one-to-one relationship data.

As per **Claim 10**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

- A. Obtaining the document (*see Figure 3A, Element 48*);
- B. Calling the location of the document solution identified by the document solution identification (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*); and
- C. Downloading the document solution identified by the document solution identification to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

However, Donohue et al. does not explicitly disclose that the method comprising the steps of:

- A. Determining whether the document references a document namespace;

B. If the document references a document namespace, determining whether a manifest collection contains a document solution identification associated with the document namespace; and

C. If the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag (*see Column 14, Lines 20-24*). When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that any files and components installed in that namespace are visible to the application (*see Column 14, Lines 24-29*). The manifest file is stored separately from the distribution unit (*see Column 14, Lines 49-52*). The manifest file directs the package manager to the location of the distribution unit for the software application (*see Column 14, Lines 58-60*).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags (*see Figure 2; and Column 8, Lines 25-30*) for declaring namespaces and a data

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source storing content to be inserted in the templates (*see Figure 1, Element 12; and Column 7, Lines 37-39*). One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer (*see Column 14, Lines 42-48*).

As per **Claim 11**, Donohue et al., as modified by Forbes et al., disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document as in **Claim 10 above**, and Donohue et al. further disclose that the method, prior to downloading the document solution identified by the document solution identification to the document, comprising:

- A. Passing an identification of a user of the document to a manifest of document solutions identified by the document solution identification as the location of the document solution (*see Column 7, Lines 37-41*);
- B. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);
- C. Obtaining profile information associated for the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);
- D. At the manifest, generating a document solution tailored to the profile information associated with the user of the document (*see Column 11, Lines 21-25*); and

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E. Whereby downloading the document solution identified by the document solution identification to the document includes downloading the tailored document solution to the document for providing the functionality of the tailored document solution to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

As per **Claim 17**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

- A. Obtaining the document (*see Figure 3A, Element 48*);
- B. Calling the location of the document solution identified by the document solution identification (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*); and
- C. Downloading the document solution identified by the document solution identification to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

However, Donohue et al. does not explicitly disclose that the method comprising the steps of:

- A. Determining whether the document references a document namespace;
  - B. If the document references a document namespace, determining whether a manifest collection contains a document solution identification associated with the document namespace;
- and

C. If the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag (*see Column 14, Lines 20-24*). When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that any files and components installed in that namespace are visible to the application (*see Column 14, Lines 24-29*). The manifest file is stored separately from the distribution unit (*see Column 14, Lines 49-52*). The manifest file directs the package manager to the location of the distribution unit for the software application (*see Column 14, Lines 58-60*).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags (*see Figure 2; and Column 8, Lines 25-30*) for declaring namespaces and a data source storing content to be inserted in the templates (*see Figure 1, Element 12; and Column 7, Lines 37-39*). One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically



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named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer (*see Column 14, Lines 42-48*).

As per **Claim 18**, Donohue et al., as modified by Forbes et al., disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document **as in Claim 17 above**, and Donohue et al. further disclose that the method, prior to downloading the document solution identified by the document solution identification to the document, comprising:

A. Passing an identification of a user of the document to a manifest of document solutions identified by the document solution identification as the location of the document solution (*see Column 7, Lines 37-41*);

B. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);

C. Obtaining profile information associated for the user of the document (*see Column 7, Lines 64-67; and Column 8, Lines 1-2*);

D. At the manifest, generating a document solution tailored to the profile information associated with the user of the document (*see Column 11, Lines 21-25*); and

E. Whereby downloading the document solution identified by the document solution identification to the document includes downloading the tailored document solution to the document for providing the functionality of the tailored document solution to the document (*see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18*).

### ***Conclusion***

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. **Rodoy** (US 6,697,837) discloses a method of creating and storing a re-accessible, browser independent end user profile on the end user's computer, at least upon initial access, of an e-commerce website offering the purchase, downloading, and installation of software or information (data) therefrom, without requiring the user to repeatedly enter the profile information.

B. **Parthasarathy et al.** (US 6,802,061) disclose automatically downloading, verifying, installing, registering, and displaying computer software components from computer networks like Internet or an intranet.

C. **Murray et al.** (US 6,874,143) disclose systems and methods for providing software via a network by using software extensions.

D. **Lee et al.** (US 6,880,129) disclose a mechanism for generating namespaces in graphical user interface (GUI) page definitions.

E. **Glaser et al.** (US 6,944,857) disclose a system and method for updating an installation of an application program using a configuration of the application program corresponding to a particular user.

F. **Ben-Shaul et al.** (US 6,976,090) disclose a technique for content and application level distribution and customization of data and applications across the Internet using an integrated combination of origin servers and spatially distributed controlled edge servers to efficiently deliver content differentiated electronic content or data from content providers to various classes of consumers.

G. **Srivastava et al.** (US 2002/0120685) disclose methods and apparatus for providing information-based services from a plurality of diverse resources to one or more users.

H. **Mah et al.** (US 2003/0014745) disclose a method for updating a document module for use with an application program on a remote computer from a host computer.

I. **Lucovsky** (US 2004/0199861) discloses a schema-based documents service for Internet access to per-user document data, wherein access to data is based on each user's identity.

J. **Katano** (US 2004/0201867) discloses a system and method for providing updated help and solution information at a printing device.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Qing Chen whose telephone number is 571-270-1071. The Examiner can normally be reached on Monday through Thursday from 7:30 AM to 4:00 PM. The Examiner can also be reached on alternate Fridays.

Art Unit: 2191

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, James W. Myhre, can be reached on 571-270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

QC / DC  
July 24, 2006

  
James W. Myhre  
Supervisory Patent Examiner

Date Mailed: January 21, 2004

Sheet 1 of 1



FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

60001.0182US11/MS3039141

Application Number:

10/731,899

Applicant: Jones et al.

Filing Date: Dec. 9, 2003

Group Art Unit:

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO.       | DATE    | NAME                 | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|--------------------|---------|----------------------|-------|----------|----------------------------|
| QC               | 5,895,461          | 04/1999 | De La Huerca et al.  | 707   | 1        |                            |
| QC               | 6,272,505          | 08/2001 | De La Huerca         | 707   | 501      |                            |
| QC               | 6,308,171          | 10/2001 | De La Huerca         | 707   | 3        |                            |
| QC               | 6,323,853          | 11/2001 | Hedloy               | 345   | 339      |                            |
| QC               | 6,516,321          | 02/2003 | De La Huerca         | 707   | 102      |                            |
| QC               | 5,995,756          | 11/1999 | Herrmann             | 395   | 712      |                            |
| QC               | 6,122,647          | 09/2000 | Horowitz et al.      | 707   | 513      |                            |
| QC               | 6,347,398          | 02/2002 | Parthasarathy et al. | 717   | 11       |                            |
| QC               | US 2001/0029605 A1 | 10/2001 | Forbes et al.        | 717   | 11       |                            |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NO.              | DATE               | COUNTRY           | CLASS           | SUBCLASS         | TRANSLATION |    |
|--|---------------------------|--------------------|-------------------|-----------------|------------------|-------------|----|
|  |                           |                    |                   |                 |                  | YES         | NO |
|  | <del>EP 0396311 A</del>   | <del>03/1994</del> | <del>Europe</del> | <del>G06F</del> | <del>3/443</del> | N/A         |    |
|  | <del>WO 02/45510 A3</del> | <del>02/2002</del> | <del>PCT</del>    | <del>H04L</del> | <del>39/00</del> | N/A         |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  | U.S. Patent Application No. 10/566,141, filed February 13, 2003, entitled "Linking Elements of a Document to Corresponding Fields, Queries and/or Procedures in a Database", Inventors: Jones et al. N/A |
|  |  | U.S. Serial No. 10/164,060, filed June 6, 2003, entitled "System and Method for Providing Namespace Related Information", Inventors: Reynar et al. N/A   |
|  |  | U.S. Serial No. 10/104,190, filed June 27, 2002, entitled "System and Method for Providing Namespace Related Information", Inventors: Jones et al. N/A   |
|  |  | U.S. Serial No. 10/164,260, filed June 5, 2002, entitled "Mechanism for Downloading Software Components from a Remote Source for Use by a Local Software Application", Inventors: Reynar et al. N/A      |

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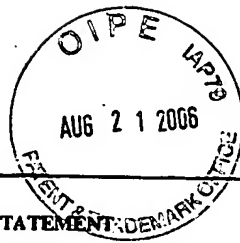
EXAMINER /Qing Chen/

DATE CONSIDERED

07/21/2006

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Date Mailed: August 4, 2004



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|   |  |                                   |
|---|--|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0182US11/MS3039141 | Application Number:<br>10/731,899 |
|   | Applicant: Jones et al.                    |                                   |
|   | Filing Date: Dec. 9, 2003                  | Group Art Unit:                   |

| U.S. PATENT DOCUMENTS |              |         |        |       |          |                            |
|-----------------------|--------------|---------|--------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE    | NAME   | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| QC                    | 6,480,860    | 11/2002 | Monday | 707   | 102      |                            |
|                       |              |         |        |       |          |                            |
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| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
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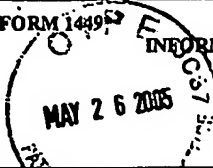
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| QC   |  | Fernandez M. et al., "SilkRoute: Trading Between Relations and XML", <u>Computer Networks</u> , Elsevier Science Publishers B.V., Amsterdam NL, vol. 33, no. 1-6, June 2000 (2000-06), pp. 723-745.  |
| QC   |  | Braganholo VDP; "Updating Relationship Databases Through XML Views", <u>Technical Report RP-328</u> , Online ( <a href="http://www.inf.ufrgs.br/~vanessa/disciplinas/PropostaTese.pdf">http://www.inf.ufrgs.br/~vanessa/disciplinas/PropostaTese.pdf</a> ), Porto Alegre, RS, Brasil, September 2002 (2002-09), XP-002279067, pp. 1-61.              |
| QC   |  | Falquet G et al., "Design and Analysis of Active Hypertext Views on Databases", <u>CUI-Technical Report</u> , Online ( <a href="http://cui.unige.ch/vsi/reports/design-anls-ahtv.pdf">http://cui.unige.ch/vsi/reports/design-anls-ahtv.pdf</a> ), January 2002 (2002-01), XP-002279068, pp. 1-24.  |
| QC   |  | Ceri S et al., "Deriving Production Rules for Incremental View Maintenance", <u>Proceedings of the International Conference on Very Large Data Bases</u> , 1994, XP-00914159, pp. 577-589  |
| QC   |  | Bonifati A., "Active Behaviors Within XML Document Management", <u>EDBT Ph.D. Workshop</u> , (EDBT Ph.D. WS 2000), Online ( <a href="http://www.edbt2000.uni-konstanz.de/phd-workshop/papers/Bonifati.ps">http://www.edbt2000.uni-konstanz.de/phd-workshop/papers/Bonifati.ps</a> ), March 2000 (2000-03), Konstanz, Germany, XP-002279069, pp. 1-4. |
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PATENT TRADEMARK OFFICE

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| EXAMINER /Qing Chen/ | DATE CONSIDERED 07/21/2006 |
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| <b>FORM 1449</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary)<br> | Docket Number:<br>60001.0182US11/MS3039141 | Application Number:<br>10/731,899 |
|   | Applicant: Jones et al.                    |                                   |
|   | Filing Date: Dec. 9, 2003                  | Group Art Unit:                   |

| U.S. PATENT DOCUMENTS  |              |  |                 |       |          |                            |    |
|--|--------------|--|-----------------|-------|----------|----------------------------|----|
| EXAMINER INITIAL   | DOCUMENT NO. | DATE   | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |    |
| QC   | 2002/0103829 | 08-2002  | Manning et al.  | 707   | 513      |                            |    |
| QC   | 2002/0196281 | 12-2002  | Audleman et al. | 345   | 762      |                            |    |
| QC   | 2003/0084138 | 05-2003  | Tavis et al.    | 709   | 223      |                            |    |
| QC   | 6,687,485    | 02-2004  | Hopkins et al.  | 434   | 350      |                            |    |
|  |              |  |                 |       |          |                            |    |
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| FOREIGN PATENT DOCUMENTS   |              |  |                 |       |          |                            |    |
|  | DOCUMENT NO. | DATE   | COUNTRY         | CLASS | SUBCLASS | TRANSLATION                |    |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |              |  |                 |       |          |                            |    |
| QC   |              | Official Action issued by USPTO dated April 8, 2005 in connection with Serial No. 10/164,960 filed June 6, 2002 (32 pages) |                 |       |          |                            |    |
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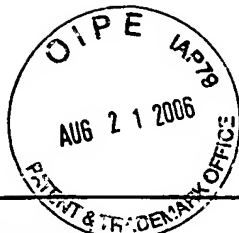
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PATENT TRADEMARK OFFICE

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| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/21/2006 |
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Date Mailed: July 27, 2005

Sheet 1 of 3



FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

Docket Number:

60001.0182US11/MS303914.01

Application Number:

10/731,899

IN AN APPLICATION

(Use several sheets if necessary)

Applicant: Jones et al.

Filing Date: December 9, 2003

Group Art Unit: 2124



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE    | NAME                | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|---------|---------------------|-------|----------|-------------------------------|
| QC                  | 2004/0003389 | 01-2004 | Reynar et al.       |       |          |                               |
| QC                  | 2002/0066073 | 05-2002 | Lienhard et al.     | 717   | 105      |                               |
| QC                  | 2002/0078222 | 06-2002 | Compas et al.       | 709   | 232      |                               |
| QC                  | 2002/0100036 | 07-2002 | Moshir et al.       | 717   | 173      |                               |
| QC                  | 2002/0104080 | 08-2002 | Woodard et al.      | 717   | 176      |                               |
| QC                  | 2002/0120685 | 08-2002 | Srivastava et al.   | 709   | 203      |                               |
| QC                  | 2002/0129107 | 09-2002 | Loughran et al.     | 709   | 206      |                               |
| QC                  | 2002/0188941 | 12-2002 | Cicciarelli et al.  | 717   | 175      |                               |
| QC                  | 2003/0005411 | 01-2003 | Gerken              | 717   | 120      |                               |
| QC                  | 2003/0051236 | 03-2003 | Pace et al.         | 717   | 177      |                               |
| QC                  | 2003/0056207 | 03-2003 | Fischer et al.      | 717   | 174      |                               |
| QC                  | 6,353,926    | 3-2002  | Pathesarathy et al. | 717   | 170      |                               |
| QC                  | 6,424,979    | 07-2002 | Livingston et al.   | 715   | 511      |                               |
| QC                  | 6,631,519    | 10-2003 | Nicholson et al.    | 717   | 169      |                               |
| QC                  | 6,715,144    | 03-2004 | Daynes et al.       | 717   | 174      |                               |
| QC                  | 6,874,143    | 03-2005 | Murray et al.       | 717   | 173      |                               |
| QC                  | 2003/0121033 | 06-2003 | Peev et al.         | 717   | 175      |                               |
| QC                  | 2003/0192040 | 10-2003 | Vaughan             | 171   | 173      |                               |
| QC                  | 5,627,958    | 05-1997 | Potts et al.        | 715   | 708      |                               |
| QC                  | 5,845,077    | 12-1998 | Fawcett             | 709   | 221      |                               |
| QC                  | 5,933,498    | 08-1999 | Schneck et al.      | 705   | 54       |                               |
| QC                  | 6,052,531    | 04-2000 | Waldin et al.       | 717   | 170      |                               |
| QC                  | 6,151,643    | 11-2000 | Cheng et al.        | 710   | 36       |                               |
| QC                  | 6,173,316    | 01-2001 | DeBoor et al.       | 709   | 218      |                               |
| QC                  | 6,199,081    | 03-2001 | Meyerzon et al.     | 715   | 513      |                               |
| QC                  | 6,219,698    | 04-2001 | Iannucci et al.     | 709   | 221      |                               |

EXAMINER

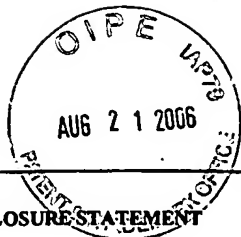
/Qing Chen/

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|---|---|--|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | <b>Docket Number:</b><br>60001.0182US11/MS303914.01 | <b>Application Number:</b><br>10/731,899 |
|   | <b>Applicant:</b> Jones et al.                      |  |
|   | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124              |

| EXAMINER INITIAL | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|------------------|--|
| QC               | "Integrating with External Systems: iPlanet™ Unified Development Server", Sun Microsystems, Inc., Ver. 5.0, 08/2001, pp. 127-156.  |
| QC               | Sperberg-McQueen, C.M. and Thompson, Henry, "XML Schema", W3C Architecture Domain, <a href="http://web.archive.org/web/20020802155904/http://www.w3.org/XML/Schema">http://web.archive.org/web/20020802155904/http://www.w3.org/XML/Schema</a> , 2000-2002, pp. 1-10.  |
| QC               | Quin, Liam, "Extensible Markup Language (XML)", W3C Architecture Domain, <a href="http://web.archive.org/web/2002121962057/http://www.w3.org/XML/">http://web.archive.org/web/2002121962057/http://www.w3.org/XML/</a> , 1996-2002, pp. 1-3.   |
| QC               | Clark, James, and DeRose, Steve, "XML Path Language (XPath), Version 1.0", W3C, <a href="http://web.archive.org/web/2021010034434/http://www.w3.org/TR/xpath">http://web.archive.org/web/2021010034434/http://www.w3.org/TR/xpath</a> , 1999-2000, pp. 1-31.   |
| QC               | "Microsoft BizTalk Server 2002 - Using BizTalk Mapper", <a href="http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_intro_zkqb.asp...">http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_intro_zkqb.asp...</a> , Microsoft Corporation, 1999-2001, pp. 1-2.           |
| QC               | "BizTalk Server 2002 Mapper User Interface", <a href="http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_codw...">http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_codw...</a> , Microsoft Corporation, 1999-2001, pp. 1.                            |
| QC               | "BizTalk Server 2002 Compiling Data", <a href="http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_drgl.a...">http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_drgl.a...</a> , Microsoft Corporation, 1999-2001, pp. 1.                               |
| QC               | "BizTalk Server 2002 Testing Maps", <a href="http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_fhhy.a...">http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_fhhy.a...</a> , Microsoft Corporation, 1999-2001, pp. 1-2.                               |
| QC               | "BizTalk Server 2002 View Links and Functoids By Using Grid Preview", <a href="http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_check_fuwn.as...">http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_check_fuwn.as...</a> , Microsoft Corporation, 1999-2001, pp. 1. |
| QC               | "The StarOffice™ 6.0 Suite: New Features Guide", Sun Microsystems, V. 1.1, July 2002, pp. 1-31.  |
| QC               | "New Microsoft Office Family Application Taps Power of Industry-Standard XML", <a href="http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamilypr.mspx">http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamilypr.mspx</a> , Microsoft Corporation, 10/2002-02/2003, pp. 1-2.    |
| QC               | "Q&A: How 'XDocs' Alters the Paradigm for Gathering Business-Critical Information", <a href="http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamily.mspx">http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamily.mspx</a> , Microsoft Corporation, 10/2002-02/2003, pp. 1-4.   |
| QC               | "InfoPath: Microsoft Names New Product from Office Group", <a href="http://www.microsoft.com/presspass/press/2003/feb03/02-10infopath.mspx">http://www.microsoft.com/presspass/press/2003/feb03/02-10infopath.mspx</a> , Microsoft Corporation, 10/2002-02/2003, pp. 1-4.                                    |
| QC               | "Microsoft Unveils Visual Studio.NET Enterprise Tools", Microsoft Corporation, <a href="http://microsoft.com/presspass/press/2001/may01/05-21vseepr.mspx">http://microsoft.com/presspass/press/2001/may01/05-21vseepr.mspx</a> , 05/2001, pp. 1-4.   |
| QC               | "Microsoft Extends XML Web Services Support in .NET Enterprise Servers Through Visual Studio .NET", <a href="http://www.microsoft.com/presspass/press/2002/feb02/02-13serverspr.mspx">http://www.microsoft.com/presspass/press/2002/feb02/02-13serverspr.mspx</a> , Microsoft Corporation, 02/2002, pp. 1-3. |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/21/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |             |                 |            |

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|---|--|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0182US11/MS303914.01 | Application Number:<br>10/731,899 |
|   | Applicant: Jones et al.                      |                                   |
|   | Filing Date: December 9, 2003                | Group Art Unit: 2124              |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |
|---------------------|--|--|
| QC                  |  | "Integrated Development Environment (IDE)",<br><a href="http://web.archive.org/web/20020602032242/http://altova.com/products_ide.html">http://web.archive.org/web/20020602032242/http://altova.com/products_ide.html</a> , 06/2002, pp. 1-2  |
| QC                  |  | "How to Use XSL to Transform Excel XML Spreadsheet for Server-Side Use",<br><a href="http://support.microsoft.com/default.aspx?scid=kb;en-us;278976">http://support.microsoft.com/default.aspx?scid=kb;en-us;278976</a> , Microsoft Corporation, 08/2004, pp. 1-7.   |
| QC                  |  | "Altova markup your mind!", <a href="http://web.archive.org/web/20021204211721/http://altova.com/products_ide.html">http://web.archive.org/web/20021204211721/http://altova.com/products_ide.html</a> , 12/2002, pp. 1-3   |
| QC                  |  | "Arbortext and Accessibility",<br><a href="http://web.archive.org/web/20021219133536/www.arbortext.com/html/accessibility.html">http://web.archive.org/web/20021219133536/www.arbortext.com/html/accessibility.html</a> , 12/2002, pp. 1-5   |
| QC                  |  | "XML Compliance, 100% Pure XML",<br><a href="http://web.archive.org/web/20021209185855/www.arbortext.com/html/xml_compliance">http://web.archive.org/web/20021209185855/www.arbortext.com/html/xml_compliance</a> , 12/2002, pp. 1-3   |
| QC                  |  | "Schemas", <a href="http://web.archive.org/web/20021221023148/www.arbortext.com/html/schemas.html">http://web.archive.org/web/20021221023148/www.arbortext.com/html/schemas.html</a> , 12/2002, pp. 1-3  |
| QC                  |  | "Arbortext's Support for XSL-FO", <a href="http://web.archive.org/web/20021221021632/www.arbortext.com/html/xsl-fo.html">http://web.archive.org/web/20021221021632/www.arbortext.com/html/xsl-fo.html</a> , 12/2002, pp. 1-4   |
| QC                  |  | "Corel XMetal <sup>4</sup> , Making XML Content Creation Easy",<br><a href="http://web.archive.org/web/20031118215158/www.corel.com/servlet/Satellite?pagename">http://web.archive.org/web/20031118215158/www.corel.com/servlet/Satellite?pagename</a> , 2003/11, pp. 1-2  |
| QC                  |  | "Corel XMetal 4 and Interwoven TeamXML",<br><a href="http://web.archive.org/web/20030807211225/www.corel.com/futuretense_cs/ccurl/corel+xml+4+and+interwoven+teamxml.pdf">http://web.archive.org/web/20030807211225/www.corel.com/futuretense_cs/ccurl/corel+xml+4+and+interwoven+teamxml.pdf</a> , 08/2003, pp. 1-2   |
| QC                  |  | "The Corel-XyEnterprise XML Solution",<br><a href="http://web.archive.org/web/20030807154355/www.corel.com/futuretense_cs/ccurl/corel+and+XY+enterprise+XML+solution.pdf">http://web.archive.org/web/20030807154355/www.corel.com/futuretense_cs/ccurl/corel+and+XY+enterprise+XML+solution.pdf</a> , 08/2003, pp. 1-2 |

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| EXAMINER /Qing Chen/  | DATE CONSIDERED 07/21/2006 | <b>27488</b><br>PATENT TRADEMARK OFFICE |
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Date Mailed: October 31, 2005

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Sheet 1 of 2

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| <b>FORM 1449</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0182US11/MS# 303914.1 | Application Number:<br>10/731,899 |
|  | Applicant: Jones, et al.                      |                                   |
|  | Filing Date: December 9, 2003                 | Group Art Unit: 2124              |

| U.S. PATENT DOCUMENTS  |                           |  |                    |                |                |                            |
|--|---------------------------|--|--------------------|----------------|----------------|----------------------------|
| EXAMINER INITIAL   | DOCUMENT NO.              | DATE   | NAME               | CLASS          | SUBCLASS       | FILING DATE IF APPROPRIATE |
|  | <del>5,995,756 A</del>    | <del>11/1999</del>   | <del>Hermann</del> | <del>395</del> | <del>713</del> | <del>DUP</del>             |
| QC   | 5,802,262 A               | 09/1998  | Van De Vanter      | 395            | 180            |                            |
| QC   | 5,913,214 A               | 06/1999  | Madnick et al.     | 707            | 10             |                            |
| QC   | 5,802,253 A               | 09/1998  | Gross et al.       | 395            | 51             |                            |
| FOREIGN PATENT DOCUMENTS   |                           |  |                    |                |                |                            |
|  | DOCUMENT NO.              | DATE   | COUNTRY            | CLASS          | SUBCLASS       | TRANSLATION<br>YES NO      |
| QC   | WO 01/37170 A2/A3         | 05/25/2001   | WIPO               |                |                |                            |
|  | <del>WO 95/09510A</del>   | <del>03/16/1995</del>  | <del>WIPO</del>    | <del>N/A</del> |                |                            |
|  | <del>EP 0 481 784 A</del> | <del>04/22/1992</del>  | <del>EP</del>      | <del>N/A</del> |                |                            |
|  | <del>WO 99 17240 A</del>  | <del>04/08/1999</del>  | <del>WIPO</del>    | <del>N/A</del> |                |                            |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |                           |  |                    |                |                |                            |
| QC   |                           | U.S. Office Action, dated September 2, 2005, Application No. 10/366,141, filed February 13, 2003, entitled, "Linking Elements of a Document to Corresponding Fields, Queries and/or Procedures in a Database," Inventors: Brian Jones, Marcin Sawicki.   |                    |                |                |                            |
|  |                           | <del>Homer, Allen; Enfield, Andrew; Gross, Christian; Jakob, Stephen; Hartwell, Bruce; Gill, Darron; Francois, Brian; Harrison, Richard, "Professional Active Server Pages", WROX Press Ltd., 1997, Chapter 6, Part 2, Section "Client Side Scripting and Components", Subsection "Choosing Your Applets and Controls", pgs. 1-32. N/A</del> |                    |                |                |                            |
| QC   |                           | Flanagan, David; "JavaScript - The Definitive Guide, Fourth Edition", January 2002.  |                    |                |                |                            |
|  |                           | <del>Brockschmidt, Kraig, "Inside OLE, Second Edition", 1995 Microsoft Press, pg. 169. N/A</del>   |                    |                |                |                            |
|  |                           | <del>Toth, Viktor, "Visual C++ 4 Unleashed", 1996, Sams Publishing, pg. 174. N/A</del>   |                    |                |                |                            |
|  |                           | <del>Bosak, "XML: The Universal Publishing Format", SGML/XML Europe 1998, (XP00228575) May, 1998, pages A1-G17. N/A</del>  |                    |                |                |                            |
|  |                           | <del>Kristensen, "Template Resolution in XML/HTML", Computer Networks and ISDN Systems, Vol. 30, 1998, (XP004121423) pgs. 239-249. N/A</del>   |                    |                |                |                            |
|  |                           | <del>Pan, et al., "FormPlus: A Form Authoring Toolkit," PROCEEDINGS OF THE FOURTEENTH ANNUAL COMPUTER SOFTWARE AND APPLICATIONS CONFERENCE, Oct. 31 - Nov. 2, 1990, pgs. 255-260 (XP00033616). N/A</del>   |                    |                |                |                            |

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|---|----------------------------|
| EXAMINER /Qing Chen/  | DATE CONSIDERED 07/21/2006 |
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| <b>FORM 100</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0182US11/MS# 303914.1 | Application Number:<br>10/731,899 |
|   | Applicant: Jones, et al.                      |                                   |
|   | Filing Date: December 9, 2003                 | Group Art Unit: 2124              |

| U.S. PATENT DOCUMENTS |              |      |      |       |          |                            |
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| EXAMINER INITIAL      | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
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|                          |              |      |         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |   |
|--|--|---|
|  |  | Boone, "Concept Features in Re. Agent, An Intelligent Email Agent," <del>PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS</del> , May 9-13, 1998, (XP000887407), pgs. 141-148. N/A                  |
|  |  | Takkinen, et al., "CAFE: A Conceptual Model for Managing Information in Electronic Mail," <del>PROCEEDINGS OF THE ANNUAL HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES</del> , 1998 (XP000775829), pgs. 44-53. N/A |
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Sheet 1 of 12

FORM 1449\*

FIFTH SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

60001.0182US11/MS#303914.1

Application Number:

10/731,899

Applicant: Jones, et al.

Filing Date: December 9, 2003

Group Art Unit: 2124

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE    | NAME               | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|---------|--------------------|-------|----------|-------------------------------|
| QC                  | 4,674,065    | 06/1987 | Lange et al.       | 382   | 311      |                               |
| QC                  | 4,868,750    | 09/1989 | Kucera et al.      | 711   | 2        |                               |
| QC                  | 5,020,019    | 05/1991 | Ogawa              | 707   | 5        |                               |
| QC                  | 5,128,865    | 07/1992 | Sadler             | 704   | 2        |                               |
| QC                  | 5,159,552    | 10/1992 | van Gastere et al. | 704   | 1        |                               |
| QC                  | 5,267,155    | 11/1993 | Buchanan et al.    | 715   | 540      |                               |
| QC                  | 5,317,546    | 05/1994 | Balch et al.       | 368   | 9        |                               |
| QC                  | 5,337,233    | 08/1994 | Hofert et al.      | 715   | 540      |                               |
| QC                  | 5,341,293    | 08/1994 | Vertelney et al.   | 715   | 530      |                               |
| QC                  | 5,351,190    | 09/1994 | Kondo              | 704   | 8        |                               |
| QC                  | 5,392,386    | 02/1995 | Chalas             | 715   | 841      |                               |
| QC                  | 5,446,891    | 08/1995 | Kaplan et al.      | 395   | 600      |                               |
| QC                  | 5,541,836    | 07/1996 | Church et al.      | 704   | 7        |                               |
| QC                  | 5,596,700    | 01/1997 | Darnell et al.     | 715   | 512      |                               |
| QC                  | 5,617,565    | 04/1997 | Augenbraun et al.  | 395   | 604      |                               |
| QC                  | 5,625,783    | 04/1997 | Ezekiel et al.     | 395   | 352      |                               |
| QC                  | 5,634,019    | 05/1997 | Koppolu et al.     | 715   | 744      |                               |
| QC                  | 5,640,560    | 06/1997 | Smith              | 395   | 615      |                               |
| QC                  | 5,657,259    | 08/1997 | Davis et al.       | 708   | 204      |                               |
| QC                  | 5,708,825    | 01/1998 | Sotomayor          | 395   | 762      |                               |
| QC                  | 5,717,923    | 02/1998 | Dedrick            | 395   | 613      |                               |
| QC                  | 5,752,022    | 05/1998 | Chiu et al.        | 395   | 610      |                               |
| QC                  | 5,761,689    | 06/1998 | Rayson et al.      | 707   | 533      |                               |
| QC                  | 5,781,189    | 07/1998 | Holleran et al.    | 715   | 826      |                               |

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PATENT TRADEMARK OFFICE

EXAMINER

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|  | <b>Applicant:</b> Jones, et al.                     |  |
|  | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124              |

| U.S. PATENT DOCUMENTS |              |         |                   |       |          |                            |
|-----------------------|--------------|---------|-------------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| QC                    | 5,781,904    | 07/1998 | Oren et al.       | 707   | 100      |                            |
| QC                    | 5,794,257    | 08/1998 | Liu et al.        | 707   | 501      |                            |
| QC                    | 5,802,299    | 09/1998 | Logan et al.      | 395   | 200.48   |                            |
| QC                    | 5,802,530    | 09/1998 | van Hoff          | 707   | 513      |                            |
| QC                    | 5,805,911    | 09/1998 | Miller            | 395   | 796      |                            |
| QC                    | 5,809,318    | 09/1998 | Rivette et al.    | 715   | 512      |                            |
| QC                    | 5,815,830    | 09/1998 | Anthony           | 707   | 6        |                            |
| QC                    | 5,818,447    | 10/1998 | Wolf et al.       | 715   | 752      |                            |
| QC                    | 5,821,931    | 10/1998 | Berquist et al.   | 715   | 784      |                            |
| QC                    | 5,822,539    | 10/1998 | van Hoff          | 395   | 200.66   |                            |
| QC                    | 5,826,025    | 10/1998 | Gramlich          | 395   | 200.47   |                            |
| QC                    | 5,855,007    | 12/1998 | Jovicic et al.    | 705   | 14       |                            |
| QC                    | 5,859,636    | 01/1999 | Pandit            | 715   | 501.1    |                            |
| QC                    | 5,872,973    | 02/1999 | Mitchell et al.   | 395   | 685      |                            |
| QC                    | 5,875,443    | 02/1999 | Nielsen           | 707   | 2        |                            |
| QC                    | 5,892,919    | 04/1999 | Nielsen           | 395   | 200.58   |                            |
| QC                    | 5,893,073    | 04/1999 | Kasso et al.      | 705   | 8        |                            |
| QC                    | 5,896,321    | 04/1999 | Miller et al.     | 365   | 189.01   |                            |
| QC                    | 5,900,004    | 05/1999 | Gipson            | 707   | 530      |                            |
| QC                    | 5,920,859    | 07/1999 | Li                | 707   | 5        |                            |
| QC                    | 5,946,647    | 08/1999 | Miller et al.     | 704   | 9        |                            |
| QC                    | 5,948,061    | 09/1999 | Merriman et al.   | 709   | 219      |                            |
| QC                    | 5,956,681    | 09/1999 | Yamakita          | 704   | 260      |                            |
| QC                    | 5,974,413    | 10/1999 | Beauregard et al. | 707   | 6        |                            |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/24/2006 |
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|  | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124              |

| U.S. PATENT DOCUMENTS |              |         |                     |       |          |                            |
|-----------------------|--------------|---------|---------------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE    | NAME                | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| QC                    | 6,006,265    | 12/1999 | Rangan et al.       | 709   | 226      |                            |
| QC                    | 6,014,616    | 01/2000 | Kim                 | 704   | 8        |                            |
| QC                    | 6,028,605    | 02/2000 | Conrad et al.       | 345   | 840      |                            |
| QC                    | 6,061,516    | 05/2000 | Yoshikawa et al.    | 717   | 109      |                            |
| QC                    | 6,067,087    | 05/2000 | Krauss et al.       | 715   | 762      |                            |
| QC                    | 6,085,201    | 07/2000 | Tso                 | 715   | 505      |                            |
| QC                    | 6,092,074    | 07/2000 | Rodkin et al.       | 707   | 102      |                            |
| QC                    | 6,108,674    | 08/2000 | Murakami et al.     | 715   | 515      |                            |
| QC                    | 6,112,209    | 08/2000 | Gusack              | 707   | 101      |                            |
| QC                    | 6,121,968    | 09/2000 | Arcuri et al.       | 345   | 352      |                            |
| QC                    | 6,126,306    | 10/2000 | Ando                | 708   | 605      |                            |
| QC                    | 6,137,911    | 10/2000 | Zhilyaev            | 382   | 225      |                            |
| QC                    | 6,141,005    | 10/2000 | Hetherington et al. | 715   | 866      |                            |
| QC                    | 6,154,738    | 11/2000 | Call                | 707   | 4        |                            |
| QC                    | 6,167,568    | 12/2000 | Gandel et al.       | 717   | 176      |                            |
| QC                    | 6,182,029    | 01/2001 | Friedman            | 704   | 9        |                            |
| QC                    | 6,185,550    | 02/2001 | Snow et al.         | 707   | 1        |                            |
| QC                    | 6,185,576    | 02/2001 | McIntosh            | 707   | 200      |                            |
| QC                    | 6,199,046    | 03/2001 | Heinzle et al.      | 705   | 1        |                            |
| QC                    | 6,262,728    | 07/2001 | Alexander           | 345   | 440.1    |                            |
| QC                    | 6,272,074    | 08/2001 | Winner              | 368   | 10       |                            |
| QC                    | 6,292,768    | 09/2001 | Chan                | 704   | 1        |                            |
| QC                    | 6,295,061    | 09/2001 | Park et al.         | 715   | 764      |                            |
| QC                    | 6,311,177    | 10/2001 | Daurer et al.       | 707   | 2        |                            |
| QC                    | 6,311,194    | 10/2001 | Sheth et al.        | 715   | 505      |                            |
| QC                    | 6,336,125    | 01/2002 | Noda et al.         | 715   | 531      |                            |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/24/2006 |
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|  | Applicant: Jones, et al.                     |                                   |
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| U.S. PATENT DOCUMENTS |               |         |                   |       |          |                               |
|-----------------------|---------------|---------|-------------------|-------|----------|-------------------------------|
| EXAMINER<br>INITIAL   | DOCUMENT NO.  | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
| QC                    | 6,336,131     | 01/2002 | Wolfe et al.      | 709   | 203      |                               |
| QC                    | 6,338,059     | 01/2002 | Fields et al.     | 707   | 4        |                               |
| QC                    | 6,349,295     | 02/2002 | Tedesco et al.    | 707   | 3        |                               |
| QC                    | 6,434,567     | 08/2002 | De La Huerga      | 707   | 102      |                               |
| QC                    | 6,438,545     | 08/2002 | Beauregard et al. | 707   | 6        |                               |
| QC                    | 6,477,510     | 11/2002 | Johnson           | 705   | 30       |                               |
| QC                    | 6,493,006     | 10/2002 | Gourdol et al.    | 345   | 825      |                               |
| QC                    | 6,519,603     | 02/2003 | Bays et al.       | 707   | 102      |                               |
| QC                    | 6,546,433     | 04/2003 | Matheson          | 709   | 318      |                               |
| QC                    | 6,556,984     | 04/2003 | Zien              | 707   | 2        |                               |
| QC                    | 6,571,241     | 05/2003 | Nosohara          | 707   | 6        |                               |
| QC                    | 6,618,733     | 09/2003 | White et al.      | 707   | 103      |                               |
| QC                    | 6,623,527     | 09/2003 | Hamzy             | 715   | 513      |                               |
| QC                    | 6,625,581     | 09/2003 | Perkowski         | 705   | 27       |                               |
| QC                    | 6,629,079     | 09/2003 | Spiegel et al.    | 705   | 26       |                               |
| QC                    | 6,636,880     | 10/2003 | Bera              | 708   | 206      |                               |
| QC                    | 6,658,623     | 12/2003 | Schilit et al.    | 715   | 513      |                               |
| QC                    | 6,697,824     | 02/2004 | Bowman-Amuah      | 709   | 229      |                               |
| QC                    | 6,708,189     | 03/2004 | Fitzsimons et al. | 707   | 205      |                               |
| QC                    | 6,718,516     | 04/2004 | Claussen et al.   | 715   | 513      |                               |
| QC                    | 6,728,679     | 04/2004 | Strubbe et al.    | 704   | 270.1    |                               |
| QC                    | 6,732,090     | 05/2004 | Shanahan et al.   | 707   | 3        |                               |
| QC                    | 6,732,361     | 05/2004 | Andreoli et al.   | 719   | 313      |                               |
| QC                    | 6,745,208     | 06/2004 | Berg et al.       | 707   | 201      |                               |
| QC                    | 6,795,808     | 09/2004 | Strubbe et al.    | 704   | 275      |                               |
| QC                    | 6,826,726     | 11/2004 | Hsing et al.      | 715   | 513      |                               |
| QC                    | 6,868,625 525 | 03/2005 | Szabo             | 715   | 738      |                               |
| QC                    | 6,880,129     | 04/2005 | Lee et al.        | 715   | 763      |                               |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/24/2006 |
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|  | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124              |

| U.S. PATENT DOCUMENTS |                 |         |                  |       |          |                               |
|-----------------------|-----------------|---------|------------------|-------|----------|-------------------------------|
| EXAMINER<br>INITIAL   | DOCUMENT NO.    | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
| QC                    | 6,883,137       | 04/2005 | Girardot et al.  | 715   | 513      |                               |
| QC                    | 6,925,457       | 08/2005 | Britton et al.   | 707   | 1        |                               |
| QC                    | 6,925,470       | 08/2005 | Sangudi et al.   | 707   | 102      |                               |
| QC                    | 6,948,133       | 09/2005 | Haley            | 715   | 780      |                               |
| QC                    | 2001/0041328 A1 | 11/2001 | Fisher           | 434   | 157      |                               |
| QC                    | 2001/0056461 A1 | 12/2001 | Kampe et al.     | 709   | 201      |                               |
| QC                    | 2002/0004803 A1 | 01/2002 | Serebrennikov    | 715   | 513      |                               |
| QC                    | 2002/0007309 A1 | 01/2002 | Reynar           | 705   | 14       |                               |
| QC                    | 2002/0026450 A1 | 02/2002 | Kuramochi        | 707   | 104.1    |                               |
| QC                    | 2002/0029304 A1 | 03/2002 | Reynar et al.    | 709   | 332      |                               |
| QC                    | 2002/0035581 A1 | 03/2002 | Reynar et al.    | 715   | 513      |                               |
| QC                    | 2002/0065110 A1 | 05/2002 | Enns et al.      | 455   | 566      |                               |
| QC                    | 2002/0065891 A1 | 05/2002 | Malik            | 709   | 206      |                               |
| QC                    | 2002/0091803 A1 | 07/2002 | Imamura et al.   | 709   | 220      |                               |
| QC                    | 2002/0133523 A1 | 09/2002 | Ambler et al.    | 707   | 536      |                               |
| QC                    | 2002/0149601 A1 | 10/2002 | Rajarajan et al. | 345   | 619      |                               |
| QC                    | 2002/0156792 A1 | 10/2002 | Gombocz et al.   | 707   | 100      |                               |
| QC                    | 2002/0178008 A1 | 11/2002 | Reynar           | 704   | 272      |                               |
| QC                    | 2002/0178182 A1 | 11/2002 | Wang et al.      | 715   | 501.1    |                               |
| QC                    | 2002/0184247 A1 | 12/2002 | Jokela et al.    | 707   | 204      |                               |
| QC                    | 2002/0198909 A1 | 12/2002 | Huynh et al.     | 707   | 513      |                               |
| QC                    | 2003/0002391 A1 | 01/2003 | Biggs            | 368   | 82       |                               |
| QC                    | 2003/0009489 A1 | 01/2003 | Griffin          | 707   | 500      |                               |
| QC                    | 2003/0025728 A1 | 02/2003 | Ebbo et al.      | 345   | 744      |                               |
| QC                    | 2003/0081791 A1 | 05/2003 | Erickson et al.  | 380   | 282      |                               |
| QC                    | 2003/0097318 A1 | 05/2003 | Yu et al.        | 705   | 35       |                               |
| QC                    | 2003/0101204 A1 | 05/2003 | Watson           | 708   | 206      |                               |
| QC                    | 2003/0101416 A1 | 05/2003 | McInnes et al.   | 715   | 513      |                               |

|   |             |                 |            |
|---|-------------|-----------------|------------|
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| U.S. PATENT DOCUMENTS    |                 |         |                      |       |          |                            |    |
|--------------------------|-----------------|---------|----------------------|-------|----------|----------------------------|----|
| EXAMINER INITIAL         | DOCUMENT NO.    | DATE    | NAME                 | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |    |
| QC                       | 2003/0106040 A1 | 06/2003 | Rubin et al.         | 717   | 106      |                            |    |
| QC                       | 2003/0126136 A1 | 07/2003 | Omoigui              | 707   | 10       |                            |    |
| QC                       | 2003/0154144 A1 | 08/2003 | Pokorny et al.       | 705   | 28       |                            |    |
| QC                       | 2003/0158841 A1 | 08/2003 | Britton et al.       | 707   | 3        |                            |    |
| QC                       | 2003/0158851 A1 | 08/2003 | Britton et al.       | 707   | 100      |                            |    |
| QC                       | 2003/0172343 A1 | 09/2003 | Leymaster et al.     | 715   | 500      |                            |    |
| QC                       | 2003/0212527 A1 | 11/2003 | Moore et al.         | 702   | 179      |                            |    |
| QC                       | 2003/0220795 A1 | 11/2003 | Araysantiparb et al. | 704   | 275      |                            |    |
| QC                       | 2003/0229593 A1 | 12/2003 | Raley et al.         | 705   | 55       |                            |    |
| QC                       | 2003/0233330 A1 | 12/2003 | Raley et al.         | 705   | 55       |                            |    |
| QC                       | 2004/0006741 A1 | 01/2004 | Radja et al.         | 715   | 513      |                            |    |
| QC                       | 2004/0165007 A1 | 08/2004 | Shafron              | 345   | 781      |                            |    |
| QC                       | 2004/0236717 A1 | 11/2004 | Demartini et al.     | 707   | 001      |                            |    |
| QC                       | 2005/0050164 A1 | 03/2005 | Burd et al.          | 709   | 217      |                            |    |
| QC                       | 2005/0055330 A1 | 03/2005 | Britton et al.       | 707   | 001      |                            |    |
| QC                       | 2005/0120313 A1 | 06/2005 | Rudd et al.          | 715   | 866      |                            |    |
| QC                       | 2005/0187926 A1 | 08/2005 | Britton et al.       | 707   | 003      |                            |    |
| FOREIGN PATENT DOCUMENTS |                 |         |                      |       |          |                            |    |
|                          | DOCUMENT NO.    | DATE    | COUNTRY              | CLASS | SUBCLASS | TRANSLATION                |    |
|                          |                 |         |                      |       |          | YES                        | NO |
| QC                       | WO 01/18687 A1  | 03/2001 | PCT                  | G06F  | 17/30    |                            |    |
| QC                       | WO 01/186390 A2 | 11/2001 | PCT                  | G06F  | 1/00     |                            |    |
| QC                       | WO 02/099627 A1 | 01/2002 | PCT                  | G06F  | 9/00     |                            |    |
| QC                       | EP 0810520 B1   | 12/1998 | Europe               | G06F  | 9/44     |                            |    |
| QC                       | EP 1093058 A1   | 04/2001 | Europe               | G06F  | 17/27    |                            |    |
| QC                       | EP 1280068 A2   | 01/2003 | Europe               | G06F  | 17/27    |                            |    |
| QC                       | EP 1361523 A2   | 11/2003 | Europe               | G06F  | 17/27    |                            |    |

|   |             |                 |            |
|---|-------------|-----------------|------------|
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|  |               |   |        |      |       |  |  |
|--|---------------|---|--------|------|-------|--|--|
| QC   | EP 1376392 A2 | 01/2004   | Europe | G06F | 17/24 |  |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |               |   |        |      |       |  |  |
| QC   |               | Santos, C.A.S., L.F.G Soares, G.L. de Souza and J.P. Courtiat; <u>Design methodology and formal validation of hypermedia documents</u> ; Proceedings of the sixth ACM international conference on multimedia, (1998) p.39-48.   |        |      |       |  |  |
| QC   |               | Terveen, Loren, Will Hill and Brian Amento; <u>Constructing, organizing, and visualizing collections of topically related Web resources</u> ; ACM Trans. Comput.-um. Interact. 6, 1 (March 1999) p. 67-94.  |        |      |       |  |  |
| QC   |               | Barrett, Rob, Paul P. Maglio and Daniel C. Kellein; <u>How to personalize the Web</u> ; Conference proceedings on human factors in computing systems (1997) p. 75-82.   |        |      |       |  |  |
| QC   |               | Marx, Mathew and Chris Schmandt; <u>CLUES: dynamic personalized message filtering</u> ; Proceedings of the ACM 1996 conference on computer supported cooperative work (1996) p. 113-121.  |        |      |       |  |  |
| QC   |               | Goschka, Karl M. and Jurgen Falb; <u>Dynamic hyperlink generation for navigation in relational databases</u> ; Proceedings of the tenth ACM conference on hypertext and hypermedia: returning to our diverse roots (1999) p. 23-24.   |        |      |       |  |  |
| QC   |               | Pentland, Alex; <u>Perceptual user interfaces: perceptual intelligence</u> ; Commun. ACM 43, 3 (Mar. 2000) p. 35-44.  |        |      |       |  |  |
| QC   |               | Stairmand, Mark A.; <u>Textual context analysis for information retrieval</u> ; Proceedings of the 20th annual international ACM SIGIR conference on research and development in information retrieval (1997) p. 140-147.   |        |      |       |  |  |
| QC   |               | Glushko, Robert J., Jay M. Tenenbaum and Bart Meltzer; <u>An XML framework for agent-based E-commerce</u> ; Commun. ACM 42, 3 (mar. 1999) p. 106.   |        |      |       |  |  |
| QC   |               | Kukich, Karen; <u>Techniques for Automatically Correcting Words in Text</u> ; ACM Comput. Surv., 24, 4 (Dec. 1992); pages 377-439.  |        |      |       |  |  |
| QC   |               | Marx, Matt and Chris Schmandt; <u>Putting People First: Specifying Proper Names in Speech Interfaces</u> ; Proceedings of the ACM Symposium on User Interface Software and Technology; 1994; pages 29-37.   |        |      |       |  |  |
| QC   |               | Ford, Bryan, Mike Hibler, Jay Lepreau, Roland McGrath and Patrick Tullman; <u>Interface and execution models in the fluke kernel</u> ; Proceedings of the third symposium on operating systems design and implementation, (1999) p. 101-115.  |        |      |       |  |  |
| QC   |               | Desmarais, Michel C. and Jiming Liu; <u>Exploring the applications user-expertise assessment for intelligent interfaces</u> ; Proceedings of the conference on human factors in computing systems, (1993) p. 308-313.   |        |      |       |  |  |
| QC   |               | Foley, James D.; <u>Future directions in user-computer interface software</u> ; Conference proceedings on organizational computer systems, (1991) p. 289-297.   |        |      |       |  |  |
| QC   |               | Hartson, H. Rex and Deborah Hix; <u>Human-computer interface development: concepts and systems for its management</u> ; ACM Comput. Surv. 1 (Mar. 1989) p. 5-92   |        |      |       |  |  |
| QC   |               | Foley, Jim; <u>Integrating computer technology, people technology, and application technology</u> ; Visualization and Usability Center; Proceedings of the workshop on advanced visual interfaces, (1994) p. 34-43  |        |      |       |  |  |
| QC   |               | Tsai, M., P. Reiher and G.J. Popok; <u>Command management system for next-generation user input</u> ; Proceedings of the seventh workshop on hottopics in operating systems, (1999) p. 179-84.  |        |      |       |  |  |
| QC   |               | Microsoft Computer Dictionary, Microsoft, Microsoft Press, Fifth Edition, p. 409.   |        |      |       |  |  |
| QC   |               | Kuenning, Geoff, "Using ISPELL from Emacs", <a href="http://theochem.ki.ku.dk/on_line_docs/ispell/ispell_1.html">http://theochem.ki.ku.dk/on_line_docs/ispell/ispell_1.html</a> , 4 pp., publication date unknown.  |        |      |       |  |  |
| QC   |               | "Spellout Command", Commands Reference, Volume 5, <a href="http://www.rz.uni-hohenheim.de/betriebssysteme/unix/aix/aix_4.3.3_doc/base_doc/usr/share/man/inf...">http://www.rz.uni-hohenheim.de/betriebssysteme/unix/aix/aix_4.3.3_doc/base_doc/usr/share/man/inf...</a> , 1 page, publication date unknown. |        |      |       |  |  |
| QC   |               | "Chapter 8 - Standard Input and Output", <a href="http://www.comp.lancs.ac.uk/computing/users/ciamjw/unix/chap8.html">http://www.comp.lancs.ac.uk/computing/users/ciamjw/unix/chap8.html</a> , 3 pp.,   |        |      |       |  |  |

|   |             |                 |            |
|---|-------------|-----------------|------------|
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|--|--|-----------------------------------|
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|  | Filing Date: December 9, 2003                | Group Art Unit: 2124              |

|   |  |
|---|--|
|   | publication date unknown.  |
| QC  | Panagiotis, Christias, Man-cgi 1.15, <a href="http://www.physics.umn.edu/cgi-bin/man-cgi?spell">http://www.physics.umn.edu/cgi-bin/man-cgi?spell</a> , 1994, 5 pp.   |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b> |  |
| QC  | Bischof, Hans-Peter, "Spell, Spellin, Spellout - Finding Spelling Errors", <a href="http://www.vorlesungen.uni-osnabrueck.de/informatik/shellscrip/Html/Man/_Man_NeXT_html/html...">http://www.vorlesungen.uni-osnabrueck.de/informatik/shellscrip/Html/Man/_Man_NeXT_html/html...</a> , April 21, 1997, 2 pp.                 |
| QC  | "Module 123 - Spell", <a href="http://duplex.hypermart.net/books/bsd/501-504.html">http://duplex.hypermart.net/books/bsd/501-504.html</a> , 4 pp., publication date unknown.   |
| QC  | Panagiotis, Christias, Man-cgi 1.15, <a href="http://www.calpoly.edu/cgi-bin/man-cgi?spell+1">http://www.calpoly.edu/cgi-bin/man-cgi?spell+1</a> , 1994, 3 pp.   |
|   | Maricsson, Bengt, "Thread-Enhanced Spell Front-End for GNU Emacs + Detex + Detatex", <a href="http://www.geocities.com/archives/5/557/1987/8/1871987/">http://www.geocities.com/archives/5/557/1987/8/1871987/</a> , August 20, 1987, 1 page. N/A  |
| QC  | Willisson, Pace, Ispell (1), <a href="http://www.rt.com/man/findaffix.1.html">http://www.rt.com/man/findaffix.1.html</a> , 1983, 15 pp.  |
| QC  | Willisson, Pace, Ispell (1), "User Commands", <a href="http://www.csee.usf.edu/cgi-bin/man-cgi?ispell">http://www.csee.usf.edu/cgi-bin/man-cgi?ispell</a> , 1983, 18 pp.   |
| QC  | "Handout 38: Spell Checking, Word Counting, and Textual Analysis", <a href="http://courses.cs.emporia.edu/pheattch/courses/2002/cs501s02/hand38/">http://courses.cs.emporia.edu/pheattch/courses/2002/cs501s02/hand38/</a> , 3 pp., publication date unknown.  |
| QC  | Keunning, Geoff, "International Spell", <a href="http://fmg-www.cs.ucla.edu/geoff.ispell.html">http://fmg-www.cs.ucla.edu/geoff.ispell.html</a> , 3 pp., publication date unknown.   |
| QC  | IsPELL 4, "IsPELL - Format of IsPELL Dictionaries and Affix Files", <a href="http://www.bigbiz.com/cgi-bin/manpage?4+ispell">http://www.bigbiz.com/cgi-bin/manpage?4+ispell</a> , 11 pp., publication date unknown.  |
| QC  | McMahon, Lee. E., "SED - A Non-Interactive Text Editor," Bell Laboratories, Murray Hill, New Jersey 07974, August 15, 1978, pgs. 16.   |
| QC  | Beitner, N.D.; Hall, W.; Goble, C.A., "Multimedia Support and Authoring in Microcosm: An Extended Model," Dept. of Electronics and Computer Science, Univ. of Southampton, Southampton SO17 1BJ, UK; Dept. of Computer Science, Univ. of Manchester, Oxford Road, Manchester M13 9PL, UK, pgs. 1-12, publication date unknown. |
| QC  | IBM Corporation, "IBM Research Disclosure #368; "Multimedia Hyperlinks Automatically Created For Reference Documents," <i>IBM Technical Disclosure Bulletin</i> , June 1993, pgs. 1-5.   |
| QC  | <u>The Complete LINUX™ Operating System 5.2 Deluxe</u> , Red Hat,® Macmillian Digital Publishing USA, A Viacom Company, Red Hat Software, Inc., ISBN 1-57595-199-1B, 1995-1998, pgs. 1-385.  |
| QC  | <u>User Manual For AddressMate and AddressMate Plus</u> , CoStar Corporation, AddressMate Software, 1994-1995, pgs. 1-210.   |
| QC  | <u>Getting Results With Microsoft® Office 97, Real World Solutions For The Work You Do</u> , Microsoft Corporation, 1995-1997, pgs. 1-703.   |
| QC  | <u>InfoCentral™ 7</u> , User's Manual, Corel Corporation, Vol. 1, Version 7.0, 1996, pgs. 1-86.  |
| QC  | Corel® Office Professional 7 Quick Results User's Manual, Vol. 1, Version 7.0 (first printing), Corel Corporation, Limited, pgs. 1-531, publication date unknown.  |
| QC  | Novell GroupWise User's Guide for Windows 16-Bit Version 5.2, Novell, Inc., 1993-1997, pgs. 1-231.   |
| QC  | Novell GroupWise User's Guide for Windows 32-Bit Version 5.2, Novell, Inc., 1998, pgs. 1-318.  |
| QC  | Claris Em@iler Getting Started User's Guide, For Macintosh, Claris Corporation, 1995-1997, 61 pp.  |
| QC  | Developer's Guide To Apple Data Detectors, For Version 1.0.2., Apple Computer, Inc., 1997, pgs. 1-33.  |
| QC  | Apple Data Detectors User's Manual, Apple Computer, Inc., 1997, pgs. 1-15.   |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/24/2006 |
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|  | Applicant: Jones, et al.                     |                                   |
|  | Filing Date: December 9, 2003                | Group Art Unit: 2124              |

|   |   |
|---|---|
| QC  | Nardi, Bonnie A.; Miller, James R.; Wright, David J., "Collaborative, Programmable Intelligent Agents," Jim Miller/Miramontes Computing, Apple Computer Advanced Technology Group, <a href="http://www.miramontes.com/writing/add-cacm/add-cacm/html">http://www.miramontes.com/writing/add-cacm/add-cacm/html</a> , March 1998, pgs. 1-11. |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b> |   |
| QC  | Hewkin, "Smart Tags-the Distributed-Memory <del>Resolution</del> <b>Revolution</b> ", IEEE Review, 22 June 1989, pp. 203-206.   |
| QC  | Measuring Units Conversion Table - <a href="http://web.archie.org">http://web.archie.org</a> - 1997 Internet French Property, pp. 1-4.  |
| QC  | IBM Technical Disclosure Bulletin, "National Language Support <del>Enhancement</del> <b>Enablement</b> for Culture-Specific Operations", November 1, 1993, Vol. 36, Issue 11, pp. 629-638   |
| QC  | Towers, J. Tarin, Visual Quickstart Guide: Dreamweaver 2 for Windows and Macintosh, 1999, Peachpit Press, pp. 150-151.  |
| QC  | Driza, Scott, "Learn Word 2000 VBA Document Automation", Wordware Publishing Inc., 2001, 6 pp.  |
| QC  | Cornell, Paul, "Developing Smart Tag DLLs", MSDN Library, <a href="http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnsmarttag/html/odc_smarttags.asp">http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnsmarttag/html/odc_smarttags.asp</a> , April 2001, pp. 8.  |
| QC  | Menu Customizing, IBM Technical Disclosure Bulletin, Vol. 34, No. 1, 06/1991, pp. 91-92 (4 pp. total)   |
| QC  | Perry, Brad, et al., "Discovering Similar Resources by Content <del>Link</del> <b>Part</b> -Linking", Proceedings of the Sixth International Conference on Information and Knowledge Management, published by ACM Press 1997, pp. 317-324.  |
| QC  | Schulz, Charles, "Writing Applications for Uniform Operation on a Mainframe or PC: A Metric Conversion Program", Lockheed Missiles & Space Company, Inc., Sunnyvale, CA, May 1990, pp. 348-361.   |
| QC  | Devanbue, P. et al., "Chime: customizable hyperlink insertion and maintenance engine for software engineering environments", Software Engineering, Publication date: 1999, ISBN: 1-58113-07400  |
|   | "Using Flyswat", <a href="http://www.flyswat.com/using.html">http://www.flyswat.com/using.html</a> , download date: September 28, 1999, 1 pp. N/A   |
| QC  | "What is Flyswat", <a href="http://www.flyswat.com">http://www.flyswat.com</a> , download date: September 28, 1999, 5 pp.   |
| QC  | "Intelligent Text Processing: About", <a href="http://www.syntalex.co.uk/about/about.html">http://www.syntalex.co.uk/about/about.html</a> , download date: August 7, 1999, 1 pp.  |
| QC  | "Intelligent Text Processing: Automatic Cross-Referencing", <a href="http://www.syntalex.co.uk/services/acrl.html">http://www.syntalex.co.uk/services/acrl.html</a> , download date August 7, 1999, 3 pp.   |
| QC  | "Intelligent Text Processing: Case Study: Context", <a href="http://www.syntalex.co.uk/casestudies/context.html">http://www.syntalex.co.uk/casestudies/context.html</a> , download date: August 7, 1999, 3 pp.  |
| QC  | Mueller, Jennifer M., "Work Smarter with Smart Tags", Journal of Accounting - Online, Vol. 194, No. 5, November 2002, <a href="http://www.aicpa.org/pubs/jofa/nov2002/Mueller.htm">http://www.aicpa.org/pubs/jofa/nov2002/Mueller.htm</a> , retrieved on 04/22/05.  |
| QC  | Brooks-Bilson, "Programming ColdFusion" [electronic resource] 2001, Safari Tech Books Online, 1st Edition, 25 pp.   |
| QC  | Wilker, John, "ColdFusion MX Adds J2EE, XML, and Web Services Compatibility", August 9, 2002, <a href="http://builder.com.com/5102-6387-104585.html">http://builder.com.com/5102-6387-104585.html</a> , 3 pp.   |
| QC  | Sriram, V., "ComponentXchange: An E-Exchange for Software Components", Master Thesis, CitSecr, 05/2001, pp. i-v, 1-77.  |
| QC  | "Smart Tags: Dumb Technology?", webreference.com, Online, 08/29/01, <a href="http://www.webreference.com/xml/column30/3.html">http://www.webreference.com/xml/column30/3.html</a> , 3 pp.   |
| QC  | "Being 'Smart' with Smart Tags in Office XP", Create for Mississippi, 08/2001, <a href="http://www.create.cett.msstate.edu/create/howto/smart_tags.pdf">http://www.create.cett.msstate.edu/create/howto/smart_tags.pdf</a> , 7 pp.  |
| QC  | Harold, E.R., "XML: Extensible Markup Language", IDG Books Worldwide, Books 24x7.com printout, 1998, pp. 1-11.  |

|   |             |                 |            |
|---|-------------|-----------------|------------|
| EXAMINER  | /Qing Chen/ | DATE CONSIDERED | 07/24/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |             |                 |            |

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| <b>FORM 1449*</b><br><b>FIFTH SUPPLEMENTAL</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | <b>Docket Number:</b><br>60001.0182US11/MS#303914.1 | <b>Application Number:</b><br>10731,899 |
|  | <b>Applicant:</b> Jones, et al.                     |   |
|  | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124             |

|    |  |
|----|--|
| QC | Marais, Hannes, "Supporting Cooperative and Personal Surfing With a Desktop Assistant", 1997, ACM Press, pp. 129-138.  |
| QC | U.S. Patent Application No. 09/818,157, filed March 27, 2001, entitled "Automatically Adding Proper Names to a Database"   |
| QC | U.S. Patent Application No. 09/841,265, filed April 24, 2001, entitled "Method and System for Applying Input Mode Bias"  |
| QC | U.S. Patent Application No. 09/841,266, filed April 24, 2001, entitled "Method and System for Providing Electronic Commerce Actions Based on Semantically Labeled Strings"   |
| QC | U.S. Patent Application No. 09/906,552, filed July 16, 2001, entitled "Method and System for Providing Restricted Actions for Recognized Semantic Categories"  |
| QC | U.S. Patent Application No. 09/906,467, filed July 16, 2001, entitled "Application Program Interfaces for Semantically Labeling Strings and Providing Actions Based on Semantically Labeled Strings"                                 |
| QC | U.S. Patent Application No. 09/907,418, filed July 17, 2001, entitled "Method and System for Defining Semantic Categories and Actions"   |
| QC | U.S. Patent Application No. 09/588,411, filed June 6, 2000, entitled "Method and System for Semantically Labeling Strings and Providing Actions Based on Semantically Labeled Strings"   |
| QC | U.S. Patent Application No. 10/141,712, filed May 9, 2002, entitled "Method, System, and Apparatus for Converting Dates Between Calendars and Languages Based Upon Semantically Labeled Strings"                                     |
| QC | U.S. Patent Application No. 10/154,630, filed May 23, 2002, entitled "Method, System, and Apparatus for Converting Numbers Based Upon Semantically Labeled Strings"  |
| QC | U.S. Patent Application No. 10/140,544, filed May 7, 2002, entitled "Method, System, and Apparatus for Converting Numbers Between Measurement Systems Based Upon Semantically Labeled Strings"                                       |
| QC | U.S. Patent Application No. 10/155,680, filed May 23, 2002, entitled "Method, System, and Apparatus for Converting Currency Values Based Upon Semantically Labeled Strings"  |
| QC | U.S. Patent Application No. 10/179,810, filed June 25, 2002, entitled "Method, System, and Apparatus for Performing Custom Actions on Digital Content"   |
| QC | U.S. Patent Application No. 10/178,680, filed June 24, 2002, entitled "System and Method for Incorporating Smart Tags in Online Content"   |
| QC | U.S. Patent Application No. 10/179,438, filed June 25, 2002, entitled "Method and System for Dynamically Providing Actions Associated with Semantically Labeled Strings"   |
| QC | U.S. Patent Application No. 10/184,298, filed June 27, 2002, entitled "Method and System for Associating Actions with Semantic Labels in Electronic Documents"   |
| QC | U.S. Patent Application No. 10/377,258 filed February 28, 2003, entitled "Method and System for Enhancing Paste Functionality of a Computer Software Application"  |
| QC | U.S. Patent Application No. 10/426,446, filed April 29, 2003, entitled "Methods and System for Recognizing Names in a Computer-Generated Document and for Providing Helpful Actions Associated with Recognized Names"                |
| QC | U.S. Patent Application No. 10/608,267 filed June 27, 2003, entitled "Leveraging Markup Language Data for Semantically Labeling Text Strings and Data and for Providing Actions Based on Semantically Labeled Text Strings and Data" |
| QC | U.S. Patent Application No. 10/780,376 filed February 17, 2004, entitled "Methods and Systems for Providing Automatic Actions on Recognized Text Strings in a Computer-Generated Document"   |
| QC | U.S. Patent Application No. 10/183,317, filed June 25, 2002, entitled "System and Method for Issuing a Message to a Program"   |

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|---|-----------------------------------|
| <b>EXAMINER</b> /Qing Chen/   | <b>DATE CONSIDERED</b> 07/24/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                                   |

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| <b>FORM 1449*</b><br><b>FIFTH SUPPLEMENTAL<br/>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>60001.0182US11/MS#303914.1 | Application Number:<br>10/731,899 |
|  | Applicant: Jones, et al.                     |                                   |
|  | Filing Date: December 9, 2003                | Group Art Unit: 2124              |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| QC   |  | U.S. Official Action dated December 29, 2003 in U.S. 09/588,411  |
| QC   |  | U.S. Official Action dated February 12, 2004 in U.S. 10/154,630  |
| QC   |  | U.S. Official Action dated March 29, 2004 in U.S. 09/906,552     |
| QC   |  | U.S. Official Action dated June 14, 2004 in U.S. 09/588,411      |
| QC   |  | U.S. Official Action dated June 18, 2004 in U.S. 09/818,157      |
| QC   |  | U.S. Official Action dated July 15, 2004 in U.S. 09/906,467      |
| QC   |  | U.S. Official Action dated August 20, 2004 in U.S. 09/841,266    |
| QC   |  | U.S. Official Action dated September 29, 2004 in U.S. 09/907,418 |
| QC   |  | U.S. Official Action dated October 6, 2004 in U.S. 09/818,157    |
| QC   |  | U.S. Official Action dated November 2, 2004 in U.S. 10/178,680   |
| QC   |  | U.S. Official Action dated December 8, 2004 in U.S. 09/588,411   |
| QC   |  | U.S. Official Action dated January 25, 2005 in U.S. 09/906,552   |
| QC   |  | U.S. Official Action dated January 26, 2005 in U.S. 10/154,630   |
| QC   |  | U.S. Official Action dated March 1, 2005 in U.S. 09/818,157      |
| QC   |  | U.S. Official Action dated March 17, 2005 in U.S. 09/841,265     |
| QC   |  | U.S. Official Action dated March 24, 2005 in U.S. 10/141,712     |
| QC   |  | U.S. Official Action dated April 19, 2005 in U.S. 09/841,266     |
| QC   |  | U.S. Official Action dated May 5, 2005 in U.S. 09/906,467        |
| QC   |  | U.S. Official Action dated May 6, 2005 in U.S. 09/907,418        |
| QC   |  | U.S. Official Action dated May 20, 2005 in U.S. 10/184,298       |
| QC   |  | U.S. Official Action dated June 3, 2005 in U.S. 10/154,630       |
| QC   |  | U.S. Official Action dated June 24, 2005 in U.S. 10/140,544      |
| QC   |  | U.S. Official Action dated July 25, 2005 in U.S. 10/179,438      |
| QC   |  | U.S. Official Action dated October 4, 2005 in U.S. 10/183,317    |
| QC   |  | U.S. Official Action dated October 5, 2005 in U.S. 10/179,810    |

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| EXAMINER /Qing Chen/  | DATE CONSIDERED 07/24/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                            |

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| <b>FORM 1449*</b><br><br><b>FIFTH SUPPLEMENTAL<br/>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) | <b>Docket Number:</b><br>60001.0182US11/MS#303914.1 | <b>Application Number:</b><br>10/731,899 |
|  | <b>Applicant:</b> Jones, et al.                     |  |
|  | <b>Filing Date:</b> December 9, 2003                | <b>Group Art Unit:</b> 2124              |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |   |
|--|--|---|
| QC   |  | U.S. Official Action dated October 20, 2005 in U.S. 09/906,552  |
| QC   |  | U.S. Official Action dated November 2, 2005 in U.S. 10/184,190  |
| QC   |  | U.S. Official Action dated November 15, 2005 in U.S. 09/841,265 |
| QC   |  | U.S. Official Action dated November 22, 2005 in U.S. 10/141,712 |
| QC   |  | U.S. Official Action dated December 5, 2005 in U.S. 09/907,418  |
| QC   |  | U.S. Official Action dated December 14, 2005 in U.S. 10/608,267 |
| QC   |  | U.S. Official Action dated December 15, 2005 in U.S. 10/155,680 |
| QC   |  | U.S. Official Action dated January 11, 2006 in U.S. 09/841,266  |
| QC   |  | U.S. Official Action dated January 17, 2006 in U.S. 10/140,544  |
| QC   |  | U.S. Official Action dated February 2, 2006 in U.S. 09/906,467  |
| QC   |  | U.S. Official Action dated February 16, 2006 in U.S. 10/184,298 |
| QC   |  | U.S. Official Action dated February 24, 2006 in U.S. 10/154,630 |

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| <b>EXAMINER</b> /Qing Chen/  | <b>DATE CONSIDERED</b> 07/24/2006 |
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Date Mailed: May 18, 2006

Sheet 1 of 1

**FORM 1449\***  
**INFORMATION DISCLOSURE STATEMENT**

IN AN APPLICATION  
(Use several sheets if necessary)

AUG 21 2006

Docket Number:  
60001.0182USII/MS303914.1

Application Number:  
10/731,899

Applicant: Brian Jones et al.

Filing Date: December 9, 2003

Group Art Unit: 2124

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NO.    | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|---------|---------------|-------|----------|-------------------------------|
| QC                  | 5,924,099       | 07/1999 | Guzak et al.  | 707   | 100      |                               |
| QC                  | 6,006,279       | 12/1999 | Hayes         | 719   | 328      |                               |
| QC                  | 6,717,593       | 04/2004 | Jennings      | 715   | 760      |                               |
| QC                  | 2003/0140308 A1 | 07/2003 | Murthy et al. | 715   | 500      |                               |
| QC                  | 2004/0199861 A1 | 10/2004 | Lucovsky      | 715   | 500      |                               |
|                     |                 |         |               |       |          |                               |
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**FOREIGN PATENT DOCUMENTS**

|  | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|  |              |      |         |       |          | YES         | NO |
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|    |  |   |
|----|--|---|
| QC |  | U.S. Patent Application No. 11/396,937, filed April 3, 2006, entitled "Automatically Adding Proper Names to a Database" |
|    |  | <del>U.S. Official Action dated April 6, 2005 in U.S. 10/104,900</del> DUP  |
|    |  | <del>U.S. Official Action dated September 2, 2005 in U.S. 10/506,141</del> DUP  |
| QC |  | U.S. Official Action dated November 10, 2005 in U.S. 10/164,260   |
| QC |  | U.S. Official Action dated April 5, 2006 in U.S. 10/377,258   |
| QC |  | U.S. Official Action dated April 10, 2006 in U.S. 10/179,810  |
| QC |  | U.S. Official Action dated April 17, 2006 in U.S. 10/179,438  |
| QC |  | U.S. Official Action dated April 17, 2006 in U.S. 10/184,190  |

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EXAMINER /Qing Chen/

DATE CONSIDERED 07/24/2006

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Date Mailed: June 29, 2006

Sheet 1 of 1

FORM 1449\*  
INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

60001.0182US11/MS303914.1

Application Number:

10/731,899

Applicant: Brian Jones et al.

Filing Date: December 9, 2003

Group Art Unit: 2124/

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|---------|---------------|-------|----------|-------------------------------|
| QC                  | 5,832,100    | 11/1998 | Lawton et al. | 382   | 100      |                               |
|                     |              |         |               |       |          |                               |
|                     |              |         |               |       |          |                               |
|                     |              |         |               |       |          |                               |
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## FOREIGN PATENT DOCUMENTS

|    | DOCUMENT NO.  | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|----|---------------|---------|---------|-------|----------|-------------|----|
|    |               |         |         |       |          | YES         | NO |
| QC | EP 0872827 A2 | 10/1998 | Europe  | G10L  | 3/00     | X           |    |
|    |               |         |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |  |
|----|--|--|
| QC |  | U.S. Official Action dated May 26, 2006 in U.S. Application No. 09/588,411 |
| QC |  | U.S. Official Action dated May 31, 2006 in U.S. Application No. 10/141,712 |
| QC |  | U.S. Official Action dated June 1, 2006 in Application No. 10/366,141      |
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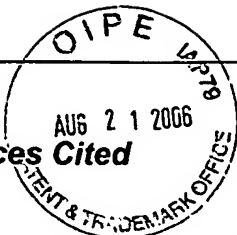
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**Notice of References Cited**



Application/Control No.

10/731,899

Applicant(s)/Patent Under  
Reexamination  
JONES ET AL.

Examiner

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Art Unit

2191

Page 1 of 1

**U.S. PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name                 | Classification |
|---|---|--|-----------------|----------------------|----------------|
| * | A | US-5,987,480                                     | 11-1999         | Donohue et al.       | 715/501.1      |
| * | B | US-6,381,742 B2                                  | 04-2002         | Forbes et al.        | 717/176        |
| * | C | US-6,697,837 B1                                  | 02-2004         | Rodov, Alexander G   | 709/203        |
| * | D | US-6,802,061 B1                                  | 10-2004         | Parthasarathy et al. | 717/173        |
| * | E | US-6,874,143 B1                                  | 03-2005         | Murray et al.        | 717/173        |
| * | F | US-6,880,129 B1                                  | 04-2005         | Lee et al.           | 715/763        |
| * | G | US-6,944,857 B1                                  | 09-2005         | Glaser et al.        | 717/173        |
| * | H | US-6,976,090 B2                                  | 12-2005         | Ben-Shaul et al.     | 709/246        |
| * | I | US-2002/0120685 A1                               | 08-2002         | Srivastava et al.    | 709/203        |
| * | J | US-2003/0014745 A1                               | 01-2003         | Mah et al.           | 717/170        |
| * | K | US-2004/0199861 A1                               | 10-2004         | Lucovsky, Mark H.    | 715/500        |
| * | L | US-2004/0201867 A1                               | 10-2004         | Katano, Seiichi      | 358/001.15     |
|   | M | US-  |                 |                      |                |

**FOREIGN PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Country | Name | Classification |
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**NON-PATENT DOCUMENTS**

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
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